



A.D. 1854 N° 1259.

SPECIFICATION

OF

CHARLES ANTHONY PERPIGNA.

APPARATUS FOR EFFECTING THE COM-
BUSTION OF SMOKE IN FIRE-PLACES.

L O N D O N :

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A.D. 1854 N° 1259.

**Apparatus for Effecting the Combustion of Smoke in
Fire-places.**

LETTERS PATENT to Charles Anthony Perpigna, Advocate, of Paris, in the Empire of France, for the Invention of “**IMPROVED APPARATUS FOR EFFECTING THE COMBUSTION OF SMOKE IN FIRE-PLACES.**”—A communication.

Sealed the 8th August 1854, and dated the 7th June 1854.

(Void by reason of the Patentee having neglected to file a Specification in pursuance of the conditions of the Letters Patent.)

PROVISIONAL SPECIFICATION left by the said Charles Anthony Perpigna at the Office of the Commissioners of Patents, with his Petition, on the 7th June 1854.

I, CHARLES ANTHONY PERPIGNA, Advocate, of Paris, in the Empire of France,
5 do hereby declare the nature of the said Invention for “**IMPROVED APPARATUS FOR EFFECTING THE COMBUSTION OF SMOKE IN FIRE-PLACES**” to be as follows :—

This Invention relates to a mode or modes of supplying a current or currents of air to fire-places, for the purpose of consuming the smoke generated therein. In applying this Invention to bakers' ovens, I fit into the crown
10 or roof of the fire-place a set of pipes, which are open at both ends, and are braced together by a cross bar or bars.

These open pipes are intended to receive air from the outer atmosphere, and

Perpigna's Improved Apparatus for the Combustion of Smoke in Fire-places.

deliver it in a heated state on to the burning fuel, and thereby effect the combustion of the smoke.

Or in place of pipes, I make an air passage (open at both ends) in the crown of the fire-place by the use of fire tiles. Cold air will, therefore, when the fire is lighted, be drawn into this air passage or flue, and find its exit through 5 the crown of the fire-place on to the ignited fuel, when a similar effect to that produced by the employment of the metal pipes will result.

It will be obvious that this mode of supplying air is applicable also to closed fire-places generally.

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